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WELLAND COUNTY

SENIOR CITIZENS' HOUSING SURVEY

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[General publications]

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WELLAND COUNTY

REPORT ON THE NEED AND DEMAND FOR

SENIOR CITIZENS' LOW-RENTAL HOUSING

1961

PREPARED BY:

RESEARCH AND SPECIAL PROJECTS
SECTION

ADMINISTRATION DIVISION

HOUSING BRANCH

ONTARIO DEPARTMENT OF COMMERCE
AND DEVELOPMENT



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RECOMMENDATIONS

In terms of the actual number of questionnaires received (110) it appears that two housing projects would suffice. However, geographic areas and distance must also influence this decision. In most instances older people prefer to retire in familiar surroundings. Through the years they have usually formed many lasting friendships, as well as a general feeling of belonging to a community, and are often reluctant (and understandably so) to leave. Therefore, it is recommended that a project also be located in Fort Erie as well as in the Cities of Welland and Niagara Falls.

<u>LOCATION OF PROJECT</u>	<u>NUMBER OF UNITS</u>	<u>AREAS IT SHOULD SERVE</u>
City of Welland	13 one bedroom 12 bachelor	Welland Port Colborne *Village of Fonthill *Twp. of Pelham *Twp. of Humberstone *Twp. of Crowland Twp. of Wainfleet
City of Niagara Falls	11 one bedroom 8 bachelor	Niagara Falls Twp. of Stamford Village of Chippawa Thorold Twp. of Thorold
Fort Erie	4 one bedroom 7 bachelor	Fort Erie *Village of Crystal Beach *Twp. of Willoughby *Twp. of Bertie

* denotes municipalities from which NO questionnaires were returned.

INTRODUCTION

I ORIGINAL REQUEST

In recent years there has been varying interest regarding the need for low-rental apartments for Senior Citizens throughout Welland County. The most significant enthusiasm is found in Fort Erie, where the Lion's Club conducted their own survey a few years ago and have since purchased land for the proposed project.

The request for this study was mainly prompted by the superintendent of Sunset Haven Home for the Aged. Because of his extensive experience in the field of geriatrics, he was concerned about those elderly persons who are capable of looking after themselves and enjoy living independently, but have limited financial means. An advertisement was inserted in the local newspaper to try to determine if there was a demand for low-rental senior citizens' units. The results of this initial "feeler" convinced the superintendent that such an important field required an extensive research study. These arguments were endorsed by the Sunset Haven Committee and were presented to Council. This culminated in the Welland County Council requesting the Housing Branch of the Ontario Department of Commerce and Development to undertake a survey to determine the need for Senior Citizens' Low-Rental Housing for the entire County of Welland, including the Cities of Welland and Niagara Falls.

II PURPOSE

The scope of this study was limited to assessing how many elderly persons residing in the County of Welland would be interested in renting self-contained housing accommodation which could be provided under the Limited Dividend provisions of the National Housing Act. The purpose being not only to determine how many Senior Citizens' units are required but to suggest how many projects could serve this area and where these projects would best be located.

III BACKGROUND INFORMATION

Situated in the heart of the Niagara Peninsula, Welland County borders on both Lake Ontario and Lake Erie and is bisected by the Welland Canal which connects these two Great Lakes.

For both climatic and aesthetic reasons the County paints an

attractive picture as a place for retirement.

The County is composed of fourteen municipalities plus the two Cities of Welland and Niagara Falls and in order to achieve the aim of this survey it was necessary to study each municipality thoroughly.

The area is quite highly industrialized and relatively densely populated. Moreover, it is growing at a fast pace. The farm element is becoming less prominent and urban sprawl is already groping into the more rural areas.

IV GENERAL HOUSING CHARACTERISTICS

The County of Welland has at the moment no specially designed self-contained accommodation for the elderly. Sunset Haven Home for the Aged serves the entire County with the exception of the City of Niagara Falls. However it only caters to persons who are not physically capable of managing on their own. The Salvation Army recently opened the Eventide Home for the Aged in Niagara Falls which accommodates more of the type of persons who might be interested in low-rental apartments.

Generally speaking the senior citizens that would be interested in the proposed project are the ones who have not been able to find the type of housing they desire at a price they can afford. Rents throughout the County vary greatly and are usually higher in the more urban centres. However although the overall picture seems to reveal that rents are generally moderate, self-contained accommodation is still beyond the means of most people whose only source of income is their old age pension. As is true in other areas of Ontario this is especially significant when considering single elderly persons.

Besides people who are renting accommodation, there are also many older persons who presently own a home but find either the physical or financial responsibility too great a burden and would be willing to sell their home if only they could locate suitable rental accommodation.

SURVEY METHODS

I PRELIMINARY PLANNING

This was the first County-wide study to be conducted by the Housing Branch and it soon became obvious the usual survey techniques would have to be modified and expanded to apply to such a large geographic area,

First, letters requesting information were sent to the Clerks of all the municipalities involved. From these replies a complete file was prepared of relevant facts and figures concerning each municipality including:

- population statistics
- names of welfare agencies (both private and public)
- list of churches and ministers
- major industries
- senior citizens' clubs (where and when they met)
- interested service clubs
- any persons who might be helpful to the survey or are active in dealing with elderly people.

On the basis of this information a second wave of letters was sent to the persons and agencies suggested by the municipal officials. The purpose of this correspondence was threefold: to state the aim of the survey; to arrange for convenient appointments; and most important, to request assistance and aid in the conducting of the survey.

II FIELD WORK

After perusal of the information obtained from all the letters, actual timetables and schedules were decided upon.

Since the survey was requested by the Welland County Council, headquarters for the field operations were established through the Welland County Clerk.

However due to the large area involved it was necessary to set up subsidiary bases in other municipalities in order to cover all the territory in the most efficient manner possible.

TIMETABLE

<u>DATE</u>	<u>BASE</u>	<u>MUNICIPALITIES</u>
Feb. 28 to March 3	Welland	Welland Port Colborne Twp..of Wainfleet Twp. of Humberstone Twp. of Crowland Twp. of Pelham Village of Fonthill
Mar. 7 to Mar. 10	Niagara Falls	Niagara Falls Village of Chippawa Twp. of Stamford
Mar. 14 to Mar. 17	Fort Erie	Fort Erie Village of Crystal Beach Twp. of Bertie Twp. of Willoughby
Mar. 21 to 22	Thorold	Thorold Twp. of Thorold

There were some deviations from the preceding schedule and of course in some instances revisits were necessary "to tie up all the loose ends" however in general the researchers were able to adhere to this timetable.

III TECHNIQUES

In the field of housing need usually exceeds demand, however where consideration must be given to the number of persons who will be interested in renting this type of housing unit, the demand figure is more realistic. Therefore, the major portion of this study was concerned with having interested elderly persons complete a questionnaire form. Of course this technique of measuring demand is effective only if the following two conditions hold:

- 1) The form is completed only by those persons who are genuinely interested in obtaining a low-rental apartment.
- 2) Every interested person does fill out a questionnaire.

A variety of methods were employed in order to achieve these two conditions, to make the citizens of Welland County aware that the survey was being conducted and to stress the importance of having all interested elderly persons complete questionnaire forms:

- 1) Municipal Welfare Officials spoke to the elderly persons with whom they come in contact (especially recipients of Old Age Supplement.)
- 2) The Public Health and Victorian Order Nurses took supplies of questionnaires on their rounds and distributed them among their patients.
- 3) All the members of the Clergy were requested to mention the survey from the pulpit and their church bulletins and to keep a stock of questionnaires on hand.
- 4) Most major industries generously agreed to send out questionnaires accompanied by an explanatory letter to their pensioners.
- 5) The research assistants addressed the Senior Citizens' Clubs, in each municipality in order to outline the survey and explain the proposed type of housing. Questionnaires were distributed at all these meetings, and most important, those present promised to inform their friends.
- 6) All service clubs which had shown active interest in older people were contacted. In Port Colborne the Rotary sponsors a day centre as well as the senior citizens' club; in Niagara Falls and Stamford members of the Kiwanis visited elderly persons of their acquaintance; in Fort Erie, the Lions made their files on their proposed housing project available to the researchers and all persons who had responded to their survey were contacted either by phone or mail.
- 7) With regard to reaching the greatest number of persons, one of the most important features was the use of mass media.
 - a) All the newspapers in the municipalities involved devoted articles to the survey. In addition, a clip-out advertisement (which asked only for the person's name and address) was inserted in the three daily newspapers that cover the area, the Welland Tribune, the Niagara Falls Evening Review and the St. Catherine's Standard, as well as the weekly papers of Fort Erie, Port Colborne and Thorold. The respondents to these advertisements were mailed the standard questionnaire together with an explanatory note. In cases where they failed to return the questionnaire two follow-up letters were sent.
 - b) CHOW Radio in Welland and CHVC in Niagara Falls made spot announcements during the course of the survey, and both granted interviews to the research assistants at peak listening hours during the day.
 - c) CHCH Television devoted a half hour program to the survey which was aired in April.

- 8) Numerous others, who were interested in the study, kindly agreed to assist in the distribution of the questionnaires.

IV CO-OPERATION

The research team determined the actual survey methods employed and then simply acted as a general co-ordinator of the activity, therefore this study would have been impossible without the wonderful co-operation and assistance received from the innumerable persons and agencies mentioned in the previous section. The most important feature of a survey of this kind is to be sure that everyone is aware that it is being conducted and this can only be achieved by establishing countless contacts who "pass the word around".

SURVEY OF DEMAND

SUMMARY

I RESPONSE

Only 110 senior citizens were judged to be interested and eligible for low rental housing, which is an **extremely** low number considering the total population of the area involved is 162,589, (approximately 15,000 of whom are over 60 years of age)

The greatest response was from the urban centres. This was expected since both the percentage of rented dwellings and the rents charged are higher in these areas.

At the time the survey originated, it was felt that there were many elderly homeowners isolated in the rural areas who would be much more adequately housed in a senior citizens' project. However, the response from this segment of the community was negligible. There is a possibility that this group was not made properly aware of the study but it is just as likely that although the younger generation feels these persons should be in different accommodation the elderly people themselves are completely content in their present circumstances.

II ELIGIBILITY

For survey purposes only those persons 60 years of age or over were considered eligible, the only exception being in one case where the husband was in receipt of a pension and unable to work.

All persons who had children living with them who would continue to live with them were also excluded from the analysis.

No persons who were steadily employed and had an income in excess of \$300 per month for couples, and \$250 for single persons, were considered with the exception of special circumstances e.g. where persons stated they would be retiring very shortly.

It was also necessary to weed out a few questionnaires that appeared to be from people who were not actually interested in the housing for themselves.

III AGE GROUPS

62% of the senior citizens were in the 65 to 74 age group and only 14% were over 80. It should be noted that at the age of 65 needy elderly persons are eligible for Old Age Assistance, and every person is automatically eligible for the Government Old Age Pension at the age of 70.

IV INCOME

When dealing with elderly people it must always be kept in mind that many of them rely heavily on savings rather than actual income. The questionnaire only dealt with the latter for two reasons, (1) CMHC admittance requirements are based on a percentage of rent to income (2) "savings" really refers to total assets, which is far too involved an area to be covered by means of a simple-to-understand questionnaire.

24% of the single persons have no other source of income other than their old age pension, and even more significant 69% have monthly incomes which are less than \$100.

Since there are usually two pensions involved the couples naturally have a slightly higher income. However 58% have incomes of less than \$150 per month.

V PRESENT ACCOMMODATION

20% of the people are presently homeowners, but are finding either the financial or physical responsibility of keeping up a house too great a burden and would prefer to sell their homes if a compact low rental unit were available.

As in other areas of Ontario the single persons have the greatest difficulty in renting adequate accommodation.

Rents are typical, the couples averaging \$50 - 59 per month for unserviced accommodation, the single persons \$40 - 49. In most instances the single persons must devote a higher percentage of their income for rent.

ANALYSIS OF ALL QUESTIONNAIRES RECEIVED

FROM WELLAND COUNTY

Total number of questionnaires completed	122
Couples	62
Single persons	60

Number ineligible	<u>COUPLES</u>	<u>SINGLE PERSONS</u>	<u>TOTALS</u>
Number ineligible			
children living with them	1	1	2
under 60 years of age	2	1	3
income exceeds \$250 per month	2	1	3
not really interested	2	2	4
Total number ineligible	7	5	12

Total number of questionnaires analysed	110
Couples	55
Single persons	55
female	48
male	7

I BREAKDOWN BY MUNICIPALITY

<u>MUNICIPALITY</u>	<u>NUMBER OF QUESTIONNAIRES ANALYSED</u>		
	<u>COUPLES</u>	<u>SINGLE PERSONS</u>	<u>TOTALS</u>
Welland	18	21	39
Niagara Falls	16	12	28
Fort Erie	7	15	22
Port Colborne	7	3	10
Thorold	0	1	1
Village of Crystal Beach	0	0	0
Village of Fonthill	0	0	0
Village of Chippawa	0	1	1
Twp. of Bertie	0	0	0
Twp. of Crowland	0	0	0
Twp. of Humberstone	0	0	0
Twp. of Pelham	0	0	0
Twp. of Stamford	6	1	7
Twp. of Thorold	0	1	1
Twp. of Wainfleet	1	0	1
Twp. of Willoughby	0	0	0

II AGE GROUPS

For couples the husband's age is shown. Where other relationships are used under "couples" the oldest age is given.

	<u>COUPLES</u>	<u>SINGLE PERSONS</u>	<u>TOTALS</u>
50 - 59	1	-	1
60 - 64	9	11	20
65 - 69	19	13	32
70 - 74	15	15	30
75 - 79	5	6	11
80 - 84	3	7	10
85 +	2	1	3
Not stated	<u>1</u>	<u>2</u>	<u>3</u>
Totals	55	55	110

- NOTE:
- this includes 2 couples each under 65 employed and earning \$250 - \$350 per month, they were included in analysis as they will very shortly be on pensions.
 - this includes 2 singles - each woman with a husband permanently hospitalized.
 - 1 couple is composed of 74 year old mother and 50 year old daughter.
 - 1 couple is composed of sisters-in-law ages 73 and 71
 - 1 couple is composed of 85 year old mother and daughter aged approximately 60 years.
 - 1 couple under 60 years of age receiving pensions.

III TOTAL MONTHLY INCOME

<u>INCOME</u>	<u>COUPLES</u>	<u>SINGLE PERSONS</u>	<u>TOTALS</u>
Under \$55	-	1	1
Only \$55	4	13	17
56 - 75	2	12	14
76 - 99	5	12	17
100 - 124	10	6	16
125 - 149	11	2	13
150 - 174	9	1	10
175 - 199	3	1	4
200 - 224	2	-	2
225 - 249	1	-	1
250 - 274	2	-	2
275 - 299	1	-	1
300 +	-	-	-
Not stated	5	7	12
Totals	55	55	110

NOTE: - one couple stated as having income between \$225 - \$249 will be on pension as of Aug. 1961.
 - two "single" persons with hospitalized husbands have total incomes of \$110.00 each.

IV PRESENT ACCOMMODATION

<u>a) Type of Accommodation</u>	<u>COUPLES</u>	<u>SINGLE PERSONS</u>	<u>TOTALS</u>
<u>HOUSE</u>			
1) Home owner and living alone	14	7	21
2) Home owner - lets rooms		1	1
3) Rented	8	2	10
Totals	22	10	32
<u>APARTMENT (SELF-CONTAINED)</u>			
1) Living alone	22	15	37
2) Sharing with another	--	--	--
Totals	22	15	37
<u>ONE OR MORE ROOMS</u>			
1) Only one room	--	9	9
2) More than one room	8	12	20
3) Living with relative (room of own)	3	9	12
Totals	11	30	41
Grand Totals	55	55	110

PRESENT ACCOMMODATION

<u>b) Facilities</u>	<u>COUPLES</u>	<u>SINGLE PERSONS</u>	<u>TOTALS</u>
1) Own bathroom, own kitchen	47	26	73
2) Shared kitchen, shared bathroom			
(a) Use kitchen separately	-	1	1
(b) Eat with landlord or relatives	3	13	16
3) Shared bathroom, own kitchen	3	11	14
4) Stove - bath facilities not stated	-	1	1
5) Hot plate - own bathroom	1	1	2
6) Hot plate - share bathroom	1	-	1
7) Hot plate - bath facilities not stated	-	1	1
8) Not stated	-	1	1
Totals	55	55	110

(c) (1) Present Monthly Rent Unserviced

<u>Tenants (Rent)</u>	<u>COUPLES</u>	<u>SINGLE PERSONS</u>	<u>TOTALS</u>
0 - 19	-	3	3
20 - 29	3	5	8
30 - 39	6	4	10
40 - 49	7	14	21
50 - 59	16	4	20
60 - 69	2	3	5
70 - 79	3	1	4
80 - 89	1	-	1
90 - 99	-	-	-
100 +	-	-	-
Get both room + board	3	13	16
Not stated	-	-	-
Totals	41	47	88

<u>Owners (Mortgage & Taxes)</u>	<u>COUPLES</u>	<u>SINGLE PERSONS</u>	<u>TOTALS</u>
0 - 19	-	1	1
20 - 29	-	-	-
30 - 39	1	-	1
40 - 49	-	-	-
50 - 99	-	-	-
Not stated	13	7	20
Totals	14	8	22
Grand Totals	55	55	110

(c) (2) Total Monthly Rents Serviced
(includes light, heat, and water)

<u>Tenants</u>	<u>COUPLES</u>	<u>SINGLE PERSONS</u>	<u>TOTALS</u>
\$ 0 - 19	-	3	3
20 - 29	1	4	5
30 - 39	1	5	6
40 - 49	4	11	15
50 - 59	12	5	17
60 - 69	9	4	13
70 - 79	7	1	8
80 - 89	4	1	5
90 - 99	-	-	-
100 +	-	-	-
Get both room + board	3	13	16
Not stated	-	-	-
Totals	41	47	88

<u>Owners</u>	<u>COUPLES</u>	<u>SINGLE PERSONS</u>	<u>TOTALS</u>
\$ 0 - 39	-	-	-
40 - 49	-	1	1
50 - 59	1	-	1
60 - 99	-	-	-
Not stated	13	7	20
Totals	14	8	22
Grand Total	55	55	110

V RELATIONSHIP BETWEEN TOTAL MONTHLY RENT (SERVICED) AND TOTAL MONTHLY INCOME

	<u>COUPLES</u>							
INCOME - \$	0 - 99	\$100 - 124	\$125 - 149	\$150 - 199	\$200 - 249	\$250 + over	Others	Totals
RENT								
\$0 - 19	-	-	-	-	-	-	-	-
20 - 29	-	1	-	-	-	-	-	1
30 - 39	1	-	-	-	-	-	-	1
40 - 49	-	2	2	-	-	-	-	4
50 - 59	4	3	3	1	1	-	1	13
60 - 69	1	1	3	1	1	1	1	9
70 - 79	2	-	1	3	-	-	1	7
80 - 89	-	-	2	2	-	-	-	4

INCOME	\$ 0 - 99	\$100 - 124	\$125 - 149	\$150 - 199	\$200 - 249	\$250 + over	Others	Totals
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rent								
90 - 99	-	-	-	-	-	-	-	-
100 +	-	-	-	-	-	-	-	-
Others	3	3	-	5	1	2	2	16
Totals	11	10	11	12	3	3	5	55

- 1) Rent figure includes heat, light and water.
- 2) Homeowners and tenants are grouped in this table. Their "rent" figures include mortgage and tax payments, as well as heat, light and water.
- 3) The "others" category represents those persons who are boarding as well as those that are included under "not stated".

RELATIONSHIP BETWEEN TOTAL MONTHLY INCOME AND PRESENT MONTHLY RENT - SERVICED

SINGLE PERSONS

INCOME	\$ 0 - 99	\$100 - 124	\$125 - 149	\$150 - 199	\$200 - 249	\$250 + over	Others	Totals
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rent								
0 - 19	2	-	-	-	-	-	1	3
20 - 29	4	-	-	-	-	-	-	4
30 - 39	4	1	-	-	-	-	-	5
40 - 49	9	1	1	-	-	-	1	12
50 - 59	2	2	-	-	-	-	1	5
60 - 69	2	-	1	1	-	-	-	4
70 - 79	-	-	-	1	-	-	-	1
80 - 89	1	-	-	-	-	-	-	1
90 - 99	-	-	-	-	-	-	-	-
100 +	-	-	-	-	-	-	-	-
Others	14	2	-	-	-	-	4	20
Totals	38	6	2	2	-	-	7	55

A. CITY OF WELLAND

I Total number of questionnaires received 43

Couples 20
Single Persons 23

Number ineligible 4

Couples 2
Single persons 2
monthly income exceeds \$400 1 couple
under 60 years of age 1 couple
have children living with them 2 single persons

Total number of questionnaires analyzed 39

Couples 18
Single persons 21

Male 5
Female 16

II AGE GROUPS

Age	Couples	Single Persons	Totals
50 - 59	-	-	-
60 - 64	3	3	6
65 - 69	7	5	12
70 - 74	4	7	11
75 - 79	2	1	3
80 - 84	1	3	4
85 +	1	-	1
Not stated	-	2	2
Totals	18	21	39

III TOTAL MONTHLY INCOME

Amount	Couples	Single Persons	Totals
Under \$55	-	-	-
Only \$55	2	8	10
56 - 75	1	3	4
76 - 99	2	4	6
100 - 124	4	1	5
125 - 149	4	1	5

Amount	COUPLES	SINGLE PERSONS	TOTALS
150 - 174	2	-	2
175 - 199	-	-	-
200 - 224	2	-	2
225 - 249	-	-	-
250 - 274	-	-	-
275 - 299	-	-	-
300 +	-	-	-
Not stated	1	4	5
Totals	18	21	39

IV PRESENT ACCOMMODATION

A) Type of accommodation COUPLES SINGLE PERSONS TOTALS

HOUSE

1) Home owner and living alone	6	4	10
2) Home owner - lets rooms	-	1	1
3) Rented	4	2	6
Totals	10	7	17

APARTMENT (SELF-CONTAINED)

1) Living alone	5	4	9
2) Sharing with another	-	-	-
Totals	5	4	9

ONE OR MORE ROOMS

1) Only one room	-	7	7
2) More than one room	3	2	5
3) Living with relatives (room & board)	-	1	1
Totals	3	10	13
Grand Totals	18	21	39

PRESENT ACCOMMODATIONS

B Facilities COUPLES SINGLE PERSONS TOTALS

a) Own bathroom, own kitchen	15	10	25
b) Shared bathroom, shared kitchen			
(1) use kitchen separately	-	1	1
(2) with relatives, landlord	-	4	4
c) Shared bathroom, own kitchen	2	5	7
d) Hot plate, share bathroom	1	-	1
e) Stove - bathroom not stated		1	1

CITY OF WELLAND

IV (c) PRESENT MONTHLY RENT (UNSERVICED)

TENANTS (RENT)	COUPLES	SINGLES	TOTALS
\$ 0-19		2	2
20-29	1	4	5
30-39	4	2	6
40-49	3	2	5
50-59	4	1	5
60-69			
70-79		1	1
80-89			
90-99			
100+			
Room & Board		4	4
Not Stated			
TOTALS	12	16	28

OWNERS (MORTGAGE & TAXES)

\$ 0-19		1	1
20-29			
30-59			
60-99			
Not Stated	6	4	10
TOTALS	6	5	11

CITY OF WELLAND

IVE PRESENT MONTHLY RENT (SERVICED) - This includes heat, light, and water payments.

<u>TENANTS (RENT)</u>	<u>COUPLES</u>	<u>SINGLES</u>	<u>TOTALS</u>
\$ 0-19		2	2
20-29	1	3	4
30-39		3	3
40-49	1	2	3
50-59	4		4
60-69	3	1	4
70-79	2		2
80-89	1	1	2
90-99			
100+			
Room & Board		4	4
Not Stated			
Totals	12	16	28

OWNERS (MORTGAGE & TAXES)

\$ 0-19			
20-29			
30-39			
40-49		1	1
50-59			
60-99			
Not Stated	6	4	10
TOTALS	6	5	11

CITY OF WELLAND

V (a)

Relationship between Total Monthly Income and Total Monthly Rent (Serviced)

COUPLESRENTINCOME

	0-99	100-124	125-149	150-199	200-249	250+	Others	Totals
\$ 0-19								
20-29		1						1
30-39								
40-49		1						1
50-59	2	1			1			4
60-69			2	1				3
70-79	1		1					2
80-89			1					1
90-99								
100+								
Others	2	1		1	1		1	6
	5	4	4	2	2		1	18

NOTE: Rent Figures include heat, light and water payments.
Homeowners and tenants are grouped in this table.
Their "Rent" figures include mortgage and tax payments, as well as heat light and water.
The "Others" category represents those persons who are boarding as well as those that are included under "not stated".

CITY OF WELLAND

V (b)

Relationship between total Monthly Income and Total Monthly Rent (Serviced)

SINGLES

RENT

INCOME

	0-99	100-124	125-149	150-199	200-249	250+	Others	Totals
\$ 0-19	2							2
20-29	3							3
30-39	2	1						3
40-49	2		1					3
50-59								
60-69	1							1
70-79								
80-89	1							1
90-99								
100+								
Others	4						4	8
	15	1	1				4	21

B. NIAGARA FALLS

I TOTAL NUMBER OF QUESTIONNAIRES RECEIVED - 31

Couples - 19
Singles - 12

Number Ineligible - 3 (Present Adequate - 1
Couples - 3 Employed \$4200/yr. - 1
Singles - 0 Son Living with Them- 1)

TOTAL NUMBER OF QUESTIONNAIRES ANALYSED - 28

Couples - 16
Singles - 12
Male - 1
Female-11

II AGE GROUPS

For couples, the Husband's age is shown.

AGE	COUPLES	SINGLES	TOTALS
50-59	1		1
60-64	1	4	5
65-69	7	3	10
70-74	3	1	4
75-79	3	1	4
80-84	1	2	3
85+		1	1
Not Stated			

NOTE: The one couple under 60 years of age is receiving pensions.

NIAGARA FALLSIII TOTAL MONTHLY INCOME

<u>Income</u>	<u>Couples</u>	<u>Singles</u>	<u>Totals</u>
Only Pension(\$55)		2	2
56-75	1	2	3
76-99	2	3	5
100-124	2		2
125-149	3	1	4
150-174	5	1	6
175-199	2	1	3
200-224			
225-249	1		1
250-299			
300 & over			
Not Stated		2	2

IV PRESENT ACCOMMODATION(a) TYPE OF ACCOMMODATIONHOUSE

Home Owner, Living Alone
Home Owner, Lets some Rooms
Rented

2 1 3
2 2

totals

4 1 5

APARTMENT (SELF CONTAINED)

Living Alone
Sharing with Another

9 2 11

Totals

9 2 11

ONE OR MORE ROOMS

Only One Room
More than one Room
Living with Relatives
(Room of Own)

2 7 9
1 2 3

Totals

3 9 12

GRAND TOTALS

16 12 28

NIAGARA FALLS

IV (b) <u>FACILITIES</u>	<u>Couples</u>	<u>Singles</u>	<u>Totals</u>
Own Bathroom, Own Kitchen	15	6	21
Shared Bathroom, Shared Kitchen			
Use Kitchen Separately			
Share with Relatives, Landlord	1	2	3
Share Bathroom, Own Kitchen		4	4

IV (c) PRESENT MONTHLY RENT

(1) UNSERVICED - Tenants - Basic Rent; Owners-Mortgage & Taxes

<u>Tenants</u>	<u>Couples</u>	<u>Singles</u>	<u>Totals</u>
\$ 0-19			
20-29			
30-39		1	1
40-49	3	3	6
50-59	4	2	6
60-69	2	3	5
70-79	3		3
80-89	1		1
90+			
Get Room & Board	1	2	3
Not Stated			
Totals	14	11	25

Owners

0-19			
20-69			
70+			
Not Stated	2	1	3
Totals	2	1	3

THE UNIVERSITY OF CHICAGO

PHYSICS DEPARTMENT

PHYSICS 311

PROBLEM SET 1

1. A particle of mass m moves in a potential $V(x) = \frac{1}{2}kx^2$. Find the energy levels E_n and the wave functions $\psi_n(x)$ for $n = 0, 1, 2, 3$.

2. A particle of mass m moves in a potential $V(x) = \frac{1}{2}kx^2 + \frac{1}{4}\alpha x^4$. Find the energy levels E_n and the wave functions $\psi_n(x)$ for $n = 0, 1, 2, 3$.

3. A particle of mass m moves in a potential $V(x) = \frac{1}{2}kx^2 + \frac{1}{4}\alpha x^4 + \frac{1}{6}\beta x^6$. Find the energy levels E_n and the wave functions $\psi_n(x)$ for $n = 0, 1, 2, 3$.

4. A particle of mass m moves in a potential $V(x) = \frac{1}{2}kx^2 + \frac{1}{4}\alpha x^4 + \frac{1}{6}\beta x^6 + \frac{1}{8}\gamma x^8$. Find the energy levels E_n and the wave functions $\psi_n(x)$ for $n = 0, 1, 2, 3$.

5. A particle of mass m moves in a potential $V(x) = \frac{1}{2}kx^2 + \frac{1}{4}\alpha x^4 + \frac{1}{6}\beta x^6 + \frac{1}{8}\gamma x^8 + \frac{1}{10}\delta x^{10}$. Find the energy levels E_n and the wave functions $\psi_n(x)$ for $n = 0, 1, 2, 3$.

6. A particle of mass m moves in a potential $V(x) = \frac{1}{2}kx^2 + \frac{1}{4}\alpha x^4 + \frac{1}{6}\beta x^6 + \frac{1}{8}\gamma x^8 + \frac{1}{10}\delta x^{10} + \frac{1}{12}\epsilon x^{12}$. Find the energy levels E_n and the wave functions $\psi_n(x)$ for $n = 0, 1, 2, 3$.

7. A particle of mass m moves in a potential $V(x) = \frac{1}{2}kx^2 + \frac{1}{4}\alpha x^4 + \frac{1}{6}\beta x^6 + \frac{1}{8}\gamma x^8 + \frac{1}{10}\delta x^{10} + \frac{1}{12}\epsilon x^{12} + \frac{1}{14}\zeta x^{14}$. Find the energy levels E_n and the wave functions $\psi_n(x)$ for $n = 0, 1, 2, 3$.

8. A particle of mass m moves in a potential $V(x) = \frac{1}{2}kx^2 + \frac{1}{4}\alpha x^4 + \frac{1}{6}\beta x^6 + \frac{1}{8}\gamma x^8 + \frac{1}{10}\delta x^{10} + \frac{1}{12}\epsilon x^{12} + \frac{1}{14}\zeta x^{14} + \frac{1}{16}\eta x^{16}$. Find the energy levels E_n and the wave functions $\psi_n(x)$ for $n = 0, 1, 2, 3$.

9. A particle of mass m moves in a potential $V(x) = \frac{1}{2}kx^2 + \frac{1}{4}\alpha x^4 + \frac{1}{6}\beta x^6 + \frac{1}{8}\gamma x^8 + \frac{1}{10}\delta x^{10} + \frac{1}{12}\epsilon x^{12} + \frac{1}{14}\zeta x^{14} + \frac{1}{16}\eta x^{16} + \frac{1}{18}\theta x^{18}$. Find the energy levels E_n and the wave functions $\psi_n(x)$ for $n = 0, 1, 2, 3$.

10. A particle of mass m moves in a potential $V(x) = \frac{1}{2}kx^2 + \frac{1}{4}\alpha x^4 + \frac{1}{6}\beta x^6 + \frac{1}{8}\gamma x^8 + \frac{1}{10}\delta x^{10} + \frac{1}{12}\epsilon x^{12} + \frac{1}{14}\zeta x^{14} + \frac{1}{16}\eta x^{16} + \frac{1}{18}\theta x^{18} + \frac{1}{20}\iota x^{20}$. Find the energy levels E_n and the wave functions $\psi_n(x)$ for $n = 0, 1, 2, 3$.

NIAGARA FALLS

IV (c) 2 SERVICED - INCLUDES LIGHT, Heat & Water

<u>Tenants</u>	<u>Couples</u>	<u>Singles</u>	<u>Totals</u>
\$ 0-19			
20-29			
30-39		1	1
40-49	2	3	5
50-59	4	1	5
60-69	2	3	5
70-79	3	1	4
80-89	2		2
90 +			
Get Room & Board	1	2	3

Totals	14	11	25
--------	----	----	----

Owners

0-99			
Not Stated	2	1	3

Totals	2	1	3
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V RELATIONSHIP BETWEEN TOTAL MONTHLY INCOME AND TOTAL MONTHLY RENT (SERVICED)

<u>RENT</u>		<u>Couples</u> <u>INCOME</u>							
\$	0-99	100-124	125-149	150-199	200-249	250+	Others	Totals	

0-19							
20-29							
30-39							
40-49			2				2
50-59	2		1	1			4
60-69		1			1		2
70-79	1			2			3
80-89				2			2
90-99							
100+							
Others		1		2			3

TOTALS	3	2	3	7	1	16
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NIAGARA FALLS

V RELATIONSHIP BETWEEN TOTAL MONTHLY INCOME AND TOTAL MONTHLY RENT (SERVICED)

SINGLES

Rent

INCOME

\$ 0-99 100-124 125-149 150-199 200-249 250+ Others Totals

\$ 0-19							
20-29							
30-39	1						1
40-49	2					1	3
50-59						1	1
60-69	1		1	1			3
70-79				1			1
80-89							
90-99							
100+							
Others	3						3
	7	-	1	2	-	-	12

C. FORT ERIE

ANALYSIS SEE UNDER PROPOSAL

III FORT ERIE PROJECT

D.

PORT COLBORNE

I	Total number of questionnaires received	10
	Couples 7	
	Single Persons 3	
	Number Ineligible	0
	Total number of questionnaires analyzed	10
	Couples 7	
	Single Persons 3	
	Male 1	
	Female 2	

Note: Two couples are between the ages of 60 and 65. The male of each is currently employed, but will shortly be on pension.

II AGE GROUPS

Age	Couples	Single Persons	Totals
50 - 59	-	-	-
60 - 64	5	1	6
65 - 69	1	1	2
70 - 74	-	1	1
75 - 79	-	-	-
80 - 84	-	-	-
85 and over	-	-	-
Not stated	1	-	1

III TOTAL MONTHLY INCOME

Amount	Couples	Single Persons	Totals
Under \$55	-	-	-
Only \$55	-	-	-
\$56 - 75	-	1	1
\$76 - 99	-	-	-
\$100 - 124	-	1	1
\$125 - 149	3	-	3
\$150 - 174	-	-	-
\$175 - 199	-	-	-
\$200 - 224	-	-	-
\$225 - 249	-	-	-
\$250 - 274	1	-	1
\$275 - 299	1	-	1
\$300 +	-	-	-
Not stated	2	1	3

D.

PORT COLBORNEIV-A TYPE OF ACCOMMODATION COUPLES SINGLE PERSONS TOTALSHouse

1) Home Owner & Living Alone	2	-	2
2) Home Owner - Lets Rooms	-	-	-
3) Rented	1	-	1
Totals	3	-	3

Apartment (Self-contained)

1) Living Alone	3	2	5
2) Sharing With Another	-	-	-
Totals	3	2	5

One or More Rooms

1) Only One Room	-	-	-
2) More Than One Room	1	-	1
3) Living With Relatives (Room of Own)	-	1	1
Totals	1	1	2

IV-B FACILITIES

1) Own Bathroom, Own Kitchen	6	1	7
2) Shared Bathroom, Shared Kitchen			
(i) Use Kitchen separately	-	-	-
(ii) Share with Relatives, Landlord	-	1	1
3) Shared Bathroom, Own Kitchen	1	-	1
4) Hot Plate, Bath Facilities not Stated	-	1	1

IV-C MONTHLY RENT - Unserviced

Tenants	Couples	Single Persons	Totals
\$0 - 19	-	1	1
20 - 29	2	-	2
30 - 39	-	-	-
40 - 49	-	1	1
50 - 59	3	-	3
60 - 69	-	-	-
70 - 79	-	-	-
Room & Board	-	1	1
Not Stated	-	-	-
Totals	5	3	8

D.

PORT COLBORNEIV-C MONTHLY RENT - Unserviced

Owners (Mortgage & Taxes)	Couples	Single Persons	Totals
\$0 - 99	-	-	-
Not Stated	2	-	2
Totals	2	-	2

MONTHLY RENT - Serviced - includes heat, light and water

Tenants (Rent)	Couples	Single Persons	Totals
\$0 - 19	-	1	1
20 - 29	-	-	-
30 - 39	-	-	-
40 - 49	-	1	1
50 - 59	2	-	2
60 - 69	2	-	2
70 - 79	-	-	-
80 - 89	1	-	1
90 - 99	-	-	-
100 +	-	-	-
Room & Board	-	1	1
Not Stated	-	-	-
Totals	5	3	8

Owners (Mortgage
& Taxes)

\$0 - 19	-	-	-
20 - 59	-	-	-
60 - 99	-	-	-
Not Stated	2	-	2
Totals	2	-	2

V RELATIONSHIP Between Total Monthly Income and Total Monthly Rent (Serviced)

COUPLES

Rent

Income

	\$0-99	100-124	125-149	150-199	200-249	250 +	Others	Totals
\$0 - \$19	-	-	-	-	-	-	-	-
20 - 29	-	-	-	-	-	-	-	-
30 - 39	-	-	-	-	-	-	-	-
40 - 49	-	-	-	-	-	-	-	-
50 - 55	-	-	1	-	-	-	1	2
60 - 69	-	-	1	-	-	-	1	2
70 - 79	-	-	-	-	-	-	-	-
80 - 89	-	-	1	-	-	-	-	1
90 - 99	-	-	-	-	-	-	-	-
100 +	-	-	-	-	-	-	-	-
Others-	-	-	-	-	-	2	-	2
Totals	-	-	3	-	-	2	2	7

SINGLE PERSONS

\$0 - \$19	-	-	-	-	-	-	1	1
20 - 29	-	-	-	-	-	-	-	-
30 - 39	-	-	-	-	-	-	-	-
40 - 49	-	1	-	-	-	-	-	1
50 - 59	-	-	-	-	-	-	-	-
60 - 69	-	-	-	-	-	-	-	-
70 - 79	-	-	-	-	-	-	-	-
80 - 89	-	-	-	-	-	-	-	-
90 - 99	-	-	-	-	-	-	-	-
100 +	-	-	-	-	-	-	-	-
Others	1	-	-	-	-	-	-	1
Totals	1	1	-	-	-	-	1	3

E.

STAMFORD TOWNSHIP

I Total number of questionnaires received 10

Couples	8
Single Persons	2

Number ineligible 3

Couples	2
Single Persons	1

Content with present housing - 1 Single Person
 - 1 Couple

Currently employed under 60 years of age - 1 Couple

Total number of questionnaires analyzed 7

Couples	6
Single Persons	1 female

II AGE GROUPS

For couples, the husband's age is shown

Age	Couples	Single Persons	Totals
50 - 59	-	-	-
60 - 64	-	-	-
65 - 69	2	1	3
70 - 74	4	-	4
75 - 79	-	-	-
80 - 84	-	-	-
85 +	-	-	-
Not Stated	-	-	-

Note: One couple is composed of mother and crippled daughter (50 years of age). Total income is derived from mother's old age pension and welfare (\$94.00). One couple is composed of two sisters-in-law (ages 73 and 71). The total income is derived from pensions and welfare (\$130.00).

III TOTAL MONTHLY INCOME

Income	Couples	Single Persons	Totals
Under \$55	-	1	1
Only \$55	1	-	1
\$56 - 75	-	-	-
76 - 99	1	-	1
100 - 124	1	-	1
125 - 149	1	-	1
150 - 174	2	-	2
175 - 199	-	-	-
200 - 224	-	-	-
225 - 249	-	-	-
250 - 274	-	-	-
275 - 299	-	-	-
300 & over	-	-	-
Not Stated	-	-	-

E.

STAMFORD TOWNSHIPIV-A. PRESENT ACCOMMODATIONTYPE OF ACCOMMODATION

<u>HOUSE</u>	<u>Couples</u>	<u>Single Persons</u>	<u>Totals</u>
1) Home Owner, Living Alone	3	-	3
2) Home Owner, Lets Rooms	-	-	-
3) Rented	-	-	-
Totals	3	-	3
<u>APARTMENT (self-contained)</u>			
1) Living Alone	2	1	3
2) Sharing with Another	-	-	-
Totals	2	1	3
<u>ONE OR MORE ROOMS</u>			
1) Only 1 Room	-	-	-
2) More than 1 Room	1	-	1
3) Living with Relatives (Own Room)	-	-	-
Totals	1	-	1

IV-B. FACILITIES

1) Own Bathroom, Own Kitchen	5	1	6
2) Shared Bathroom, Shared Kitchen	-	-	-
(a) Use Kitchen Separately	-	-	-
(b) Eat with Relatives, Landlord	-	-	-
3) Own Bathroom - Hot Plate	1	-	1

IV-C. PRESENT MONTHLY RENT - Unserviced

	<u>Couples</u>	<u>Single Persons</u>	<u>Totals</u>
\$0 - \$19	-	-	-
20 - 29	-	-	-
30 - 39	1	-	1
40 - 49	-	1	1
50 - 59	2	-	2
60 - 69	-	-	-
70 - 99	-	-	-
Get Room & Board	-	-	-
Not Stated	-	-	-
Totals	3	1	4

E.

STAMFORD TOWNSHIPIV-C. PRESENT MONTHLY RENT - Unserviced

<u>OWNERS</u>	<u>Couples</u>	<u>Single Persons</u>	<u>Totals</u>
\$0 -\$19	-	-	-
20 - 29	-	-	-
30 - 39	1	-	1
40 - 49	-	-	-
50 - 99	-	-	-
Not Stated	2	-	2
	<hr/>		
Totals	3	-	3
	<hr/>		

PRESENT MONTHLY RENT - Serviced

\$0 -\$19	-	-	-
20 - 29	-	-	-
30 - 39	1	-	1
40 - 49	-	1	1
50 - 59	1	-	1
60 - 69	1	-	1
70 - 99	-	-	-
Get Room & Board	-	-	-
Not Stated	-	-	-
	<hr/>		
Totals	3	1	4
	<hr/>		

OWNERS

\$0 -\$19	-	-	-
20 - 49	-	-	-
50 - 59	1	-	1
60 - 69	-	-	-
70 - 99	-	-	-
Not Stated	2	-	2
	<hr/>		
Totals	3	-	3
	<hr/>		

E.

STAMFORD TOWNSHIP

V. RELATIONSHIP Between Total Monthly Rent (Serviced) and Total Monthly Income

COUPLES

RENT

INCOME

	<u>0-\$99</u>	<u>100-124</u>	<u>125-149</u>	<u>150-199</u>	<u>200-249</u>	<u>250 +</u>	<u>Others</u>	<u>Totals</u>
\$0 -\$19	-	-	-	-	-	-	-	-
20 - 29	-	-	-	-	-	-	-	-
30 - 39	1	-	-	-	-	-	-	1
40 - 49	-	-	-	-	-	-	-	-
50 - 59	-	1	1	-	-	-	-	2
60 - 69	1	-	-	-	-	-	-	1
70 - 79	-	-	-	-	-	-	-	-
80 - 89	-	-	-	-	-	-	-	-
90 - 99	-	-	-	-	-	-	-	-
100 +	-	-	-	-	-	-	-	-
Others	-	-	-	2	-	-	-	2
Totals	2	1	1	2	-	-	-	6

SINGLES - \$40 - 49 Rent -- \$50 Income per Month

F.

OTHER MUNICIPALITIES

I. Number of questionnaires received - 3 (Single Persons)

Chippawa - 1
Thorold - 1
Twp. of Thorold - 1
Number Ineligible - 0

Total number of questionnaires analyzed - 3 (female, single)

II. AGE DISTRIBUTION - Single Persons

Chippawa	65 - 69	1 female
Thorold	80 - 84	1 female
Thorold Twp.	70 - 74	1 female

III. TOTAL MONTHLY INCOME - Single Persons

Chippawa	-	\$75 - 99
Thorold	-	Only pension
Thorold Twp.	-	Only pension

IV. PRESENT ACCOMMODATION

A. TYPE OF ACCOMMODATION

HOUSE

1) Home Owner, Living Alone - 1 single persons - Twp. Thorold

ONE OR MORE ROOMS

2) More than One Room - 1 Single Person - Thorold - boards

3) Living with Relatives - 1 Single Person - Chippawa

B. FACILITIES

a) Own Kitchen, Own Bathroom - 1 single person - Twp. Thorold

b) Share Kitchen, Share Bathroom

(i) Use Kitchen Separately

(ii) Eat with Relatives or Landlord - 1 single person - Thorold

- 1 single person - Chippawa

C. PRESENT MONTHLY RENT - Unserviced

TENANTS

Get Room & Board - 1 Thorold
1 Chippawa

OWNERS

Not Stated - 1 - Twp. Thorold

PRESENT MONTHLY RENT - Serviced

- as in Unserviced portion

V. RELATIONSHIP Between Total Monthly Income and Total Monthly Rent - Serviced

SINGLE PERSONS

<u>Rent</u>	<u>Income</u>		<u>Totals</u>
	<u>\$0 - 99</u>	<u>\$100-124</u>	
\$0-19	-	-	-
20-59	-	-	-
60-99	-	-	-
Others	3	-	3
Totals	3	-	3

G.

TOWNSHIP OF WAINFLEET

I. Number of questionnaires received - 1
Number of questionnaires analyzed - 1 couple

II. AGE

80 - 84 - 1 couple

III. TOTAL MONTHLY INCOME

\$100 - 124 - 1 couple

IV. PRESENT ACCOMMODATION

A. TYPE OF ACCOMMODATION

c) One or more rooms

3) Living with Relatives - 1 couple

B. FACILITIES

2) Share Kitchen, Share Bathroom

2) With Relatives - 1 couple

C. PRESENT MONTHLY RENT - Unserviced and Serviced

Get Room and Board - 1 couple

V. RELATIONSHIP Between Total Monthly Rent and Total Monthly Income

COUPLES

\$100 - 124

Others - 1

PROPOSALS

The results of the survey indicate that three limited dividend projects located in Welland, Niagara Falls, and Fort Erie could serve the needs of the entire county at the present time.

The following section contains a detailed analysis of all the questionnaires received divided into these three groups.

A WELLAND PROJECT

The results of the survey indicate that there is sufficient evidence of need and demand to justify a senior citizens' project in the City of Welland.

This proposed project could serve not only the City of Welland but the Town of Port Colborne, the Village of Fonthill and the four Townships of Wainfleet, Pelham, Humberstone and Crowland.

At the time of the survey it was thought that the Town of Port Colborne might also support a small project but the response from this municipality and the surrounding Townships was relatively poor and therefore it is hoped that this municipality can be served by a project in Welland. However, it must always be kept in mind that the people from Port Colborne who completed the questionnaire may not be interested in a housing project located in Welland.

On the basis of one unit for every two eligible applicants a project consisting of 13 one bedroom units and 12 bachelor units is recommended.

The following is a combined analysis of all the questionnaires obtained from the above mentioned municipalities.

I	Total number of questionnaires received	54
	Couples	28
	Single persons	26

Number ineligible	
Couples	2
Single persons	2

Monthly income exceeds \$400.00	1 couple
Under 60 years of age	1 couple
Have children living with them	2 single persons

Total number of questionnaires analyzed	
Couples	26
Single persons	24
Male	6
Female	18

SOURCE:

<u>MUNICIPALITY</u>	<u>COUPLES</u>	<u>SINGLE PERSONS</u>	<u>TOTALS</u>
Welland	18	21	39
Port Colborne	7	3	10
Wainfleet	1	0	1

NOTE: NO questionnaires were returned from Fonthill, Pelham, Humberstone and Crowland.

II	<u>AGE</u>	<u>COUPLES</u>	<u>SINGLE PERSONS</u>	<u>TOTALS</u>
	50 - 59	-	-	0
	60 - 64	8	4	12
	65 - 69	8	6	14
	70 - 74	4	8	12
	75 - 79	2	1	3
	80 - 84	2	3	5
	85 +	1	-	1
	Not Stated	1	2	3
	TOTALS	26	24	50

NOTE: Two couples are between the ages of 60 and 65. The male of each is currently employed, but will shortly be on pension.

III TOTAL MONTHLY INCOME

	<u>COUPLES</u>	<u>SINGLE PERSONS</u>	<u>TOTALS</u>
Under \$55	-	-	-
Only \$55	2	8	10
56 - 75	1	4	5
76 - 99	2	4	6
100 - 124	5	2	7
125 - 149	7	1	8
150 - 174	2	-	2
175 - 199	-	-	-
200 - 224	2	-	2
225 - 249	-	-	-
250 - 274	1	-	1
275 - 299	1	-	1
300 +	-	-	-
Not Stated	3	5	8
TOTALS	26	24	50

IV PRESENT ACCOMMODATION

a	<u>TYPE OF ACCOMMODATION</u>	<u>COUPLES</u>	<u>SINGLE PERSONS</u>	<u>TOTALS</u>
	<u>A House</u>			
	1) Home owner, living alone	8	4	12
	2) Home owner, lets room	-	1	1
	3) Rented	5	2	7
	TOTALS:	13	7	20

PRESENT ACCOMMODATION (cont'd)

TYPE OF ACCOMMODATION	COUPLES	SINGLE PERSONS	TOTALS
<u>B Apartment (Self-Contained)</u>			
1) Living alone	8	6	14
2) Sharing with another	-	-	-
TOTALS:	8	6	14
<u>C One or more rooms</u>			
1) Only one room	-	7	7
2) More than one room	4	2	6
3) Living with relatives (room of own)	1	2	3
TOTALS:	5	11	16
GRAND TOTALS:	26	24	50

b	FACILITIES	COUPLES	SINGLE PERSONS	TOTALS
	1) Own bathroom, own kitchen	21	11	32
	2) Shared bathroom, shared kitchen			
	1) use kitchen separately	-	1	1
	2) sharing with relatives, landlords	1	5	6
	3) Shared bathroom, own kitchen	3	5	8
	4) Hot plate, share bathroom	1	-	1
	5) Hot plate, bath facilities not stated	-	1	1
	6) Stove, bath facilities not stated	-	1	1
	TOTALS:	26	24	50

c PRESENT MONTHLY RENT (UNSERVICED)

TENANTS (RENT)	COUPLES	SINGLE PERSONS	TOTALS
\$ 0 - 19	-	3	3
20 - 29	3	4	7
30 - 39	4	2	6
40 - 49	3	3	6
50 - 59	7	1	8
60 - 69	-	-	-
70 - 79	-	1	1
80 - 89	-	-	-
90 - 99	-	-	-
Get both room and board	1	5	6
Not Stated	-	-	-
TOTALS:	18	19	37
TOTALS			

<u>OWNERS (MORTGAGE AND TAXES)</u>	<u>COUPLES</u>	<u>SINGLE PERSONS</u>	<u>TOTALS</u>
\$ 0 - 19	-	1	1
20 - 29	-	-	-
30 - 39	-	-	-
40 - 49	-	-	-
50 - 59	-	-	-
60 - 69	-	-	-
70 - 79	-	-	-
80 - 99	-	-	-
Not stated	8	4	12
TOTALS:	8	5	13
GRAND TOTALS:	26	24	50

c 2 PRESENT TOTAL MONTHLY RENT (SERVICED) i.e. includes light, heat and water.

<u>TENANTS (RENT)</u>	<u>COUPLES</u>	<u>SINGLE PERSONS</u>	<u>TOTALS</u>
\$ 0 - 19	-	3	3
20 - 29	1	3	4
30 - 39	-	3	3
40 - 49	1	3	4
50 - 59	6	-	6
60 - 69	5	1	6
70 - 79	2	-	2
80 - 89	2	1	3
90 - 99	-	-	-
Get both room and board	1	5	6
Not stated	-	-	-
TOTALS:	18	19	37

OWNERS (MORTGAGE AND TAXES)

\$ 0 - 19	-	-	-
20 - 29	-	-	-
30 - 39	-	-	-
40 - 49	-	1	1
50 - 59	-	-	-
60 - 69	-	-	-
70 - 79	-	-	-
80 - 99	-	-	-
Not stated	8	4	12
TOTALS:	8	5	13
GRAND TOTALS:	26	24	50

RELATIONSHIP BETWEEN TOTAL MONTHLY INCOME AND TOTAL MONTHLY RENT (SERVICED)COUPLES

RENT	INCOME							
	\$0 - 99	\$100 - 124	\$125 - 149	\$150 - 199	\$200 - 249	\$250 +	OTHERS	TOTALS
\$ 0 - 19	-	-	-	-	-	-	-	-
20 - 29	-	1	-	-	-	-	-	1
30 - 39	-	-	-	-	-	-	-	-
40 - 49	-	1	-	-	-	-	-	1
50 - 59	2	1	1	-	1	-	1	6
60 - 69	-	-	3	1	-	-	1	5
70 - 79	1	-	1	-	-	-	-	2
80 - 89	-	-	2	-	-	-	-	2
90 - 99	-	-	-	-	-	-	-	-
Others	2	2	-	1	1	2	1	9
TOTALS:	5	5	7	2	2	2	3	26

NOTE: Rent figures include heat, light and water payments. Homeowners and tenants are grouped in this table. Their 'rent' figures include mortgage and tax payments, as well as heat light and water.

The 'others' category represents those persons who are boarding as well as those included under 'not stated'.

RELATIONSHIP BETWEEN TOTAL MONTHLY INCOME AND PRESENT TOTAL MONTHLY RENT (SERVICED)SINGLES

RENT	INCOME							
	\$0 - 99	\$100 - 124	\$125 - 149	\$150 - 199	\$200 - 249	\$250 +	OTHERS	TOTALS
\$0 - 19	2	-	-	-	-	-	1	3
20 - 29	3	-	-	-	-	-	-	3
30 - 39	2	1	-	-	-	-	-	3
40 - 49	2	1	1	-	-	-	-	4
50 - 59	-	-	-	-	-	-	-	-
60 - 69	1	-	-	-	-	-	-	1
70 - 79	-	-	-	-	-	-	-	-
80 - 89	1	-	-	-	-	-	-	1
90 - 99	-	-	-	-	-	-	-	-
Others	5	-	-	-	-	-	4	9
TOTALS	16	2	1	-	-	-	5	24

MUNICIPALITY	COUPLES	SINGLE PERSONS	TOTALS
Niagara Falls	16	12	28
Stamford	6	1	7
Chippawa	0	1	1
Thorold	0	1	1
Twp. of Thorold	0	1	1
	22	16	38

II AGE GROUPS

<u>AGE</u>	<u>COUPLES</u>	<u>SINGLE PERSONS</u>	<u>TOTALS</u>
50 - 59	1	-	1
60 - 64	1	4	5
65 - 69	9	5	14
70 - 74	7	2	9
75 - 79	3	1	4
80 - 84	1	3	4
85 +	-	1	1
Not stated	-	-	-
TOTALS:	22	16	38

NOTE:

- A) 1 couple under 60 years of age is receiving pension.
- B) 1 couple is composed of mother and cripple daughter (50 years of age). Total income is derived from mother's old age pension and welfare. (\$94.00)
- C) 1 couple is composed of two sisters-in-law (ages 73 and 71).
The total income is derived from pensions and welfare (\$130.00)

III TOTAL MONTHLY INCOME

	<u>COUPLES</u>	<u>SINGLE PERSONS</u>	<u>TOTALS</u>
Under \$55	-	1	1
Only pension (\$55)	1	4	5
56 - 75	1	2	3
76 - 99	3	4	7
100 - 124	3	-	3
125 - 149	4	1	5
150 - 174	7	1	8
175 - 199	2	1	3
200 - 224	-	-	-
225 - 249	1	-	1
250 - 299	-	-	-
300 & over	-	-	-
Not stated	-	2	2
TOTALS:	22	16	38

IV PRESENT ACCOMMODATION

a)	<u>TYPE OF ACCOMMODATION</u>	<u>COUPLES</u>	<u>SINGLE PERSONS</u>	<u>TOTALS</u>
	<u>HOUSE</u>			
	1) Homeowner, living alone	5	2	7
	2) Homeowner, lets rooms	-	-	-
	3) Rented	2	-	2
	TOTALS:	7	2	9
	<u>APARTMENT (SELF-CONTAINED)</u>			
	1) Living alone	11	3	14
	2) Sharing with another	-	-	-
	TOTALS:	11	3	14
	<u>ONE OR MORE ROOMS</u>			
	1) Only one room	-	-	-
	2) More than 1 room	3	8	11
	3) Living with relatives (own room)	1	3	4
	TOTALS:	4	11	15
	GRAND TOTALS:	22	16	38
b)	<u>FACILITIES</u>	<u>COUPLES</u>	<u>SINGLE PERSONS</u>	<u>TOTALS:</u>
	1) Own bathroom, own kitchen	20	8	28
	2) Shared bathroom, shared kitchen			
	1) use kitchen separately	-	-	-
	2) eat with landlord, relatives	1	4	5
	3) Shared bathroom, own kitchen	-	4	4
	4) Stove, bath facilities not stat stated	-	-	-
	5) Hot plate, own bathroom	1	-	1
	6) Hot plate, shared bathroom	-	-	-
	7) Hot plate, bath facilities not stated	-	-	-
	8) Not stated	-	-	-
	TOTALS:	22	16	38

c 1) PRESENT MONTHLY RENT - UNSERVICED

<u>TENANTS</u>	<u>COUPLES</u>	<u>SINGLE PERSONS</u>	<u>TOTALS</u>
0 - 19	-	-	-
20 - 29	-	-	-
30 - 39	1	1	2
40 - 49	3	4	7
50 - 59	6	2	8
60 - 69	2	3	5
70 - 79	3	-	3
80 - 89	1	-	1
90 - 99	-	-	-
100 +	-	-	-
Get room & board	1	4	5
Not stated	-	-	-
TOTALS:	17	14	31

OWNERS (MORTGAGE & TAXES)

0 - 19	-	-	-
20 - 29	-	-	-
30 - 39	1	-	1
40 - 49	-	-	-
50 - 99	-	-	-
Not stated	4	2	7
TOTALS:	5	2	7
GRAND TOTALS:	22	16	38

c 2) PRESENT MONTHLY RENT - SERVICED - INCLUDES LIGHT, HEAT AND WATER

<u>TENANTS</u>	<u>COUPLES</u>	<u>SINGLE PERSONS</u>	<u>TOTALS</u>
0 - 19	-	-	-
20 - 29	-	-	-
30 - 39	1	1	2
40 - 49	2	4	6
50 - 59	5	1	6
60 - 69	3	3	6
70 - 79	3	1	4
80 - 89	2	-	2
90 - 99	-	-	-
100 +	-	-	-
Get both room and board	1	4	5
Not stated	-	-	-
TOTALS:	17	14	31

OWNERS (MORTGAGES & TAXES)	COUPLLS	SINGLE PERSONS	TOTALS
0 - 19	-	-	-
20 - 29	-	-	-
30 - 39	-	-	-
40 - 49	-	-	-
50 - 59	1	-	1
60 - 99	-	-	-
100 +	-	-	-
Not stated	4	2	6
TOTALS:	5	2	7
GRAND TOTALS:	22	16	38

V RELATIONSHIP BETWEEN TOTAL MONTHLY INCOME AND TOTAL MONTHLY RENT (SERVICED)

<u>COUPLES</u>							
	<u>RENT</u>						<u>INCOME</u>
	\$C - 99	\$100 - 124	\$125 - 149	\$150 - 199	\$200 - 249	\$250 +	OTHERS
\$ 0 - 19	-	-	-	-	-	-	-
20 - 29	-	-	-	-	-	-	-
30 - 39	1	-	-	-	-	-	1
40 - 49	-	-	2	-	-	-	2
50 - 59	2	1	1	2	-	-	6
60 - 69	1	1	-	-	1	-	3
70 - 79	1	-	-	2	-	-	3
80 - 89	-	-	-	2	-	-	2
90 - 99	-	-	-	-	-	-	-
100 +	-	-	-	-	-	-	-
OTHERS	-	1	1	3	-	-	5
TOTALS	5	3	4	9	1	-	0

SINGLES

RENT	INCOME							TOTALS
	\$0 - 99	\$100 - 124	\$125 - 149	\$150 - 199	\$200 - 249	\$250 +	OTHERS	
\$ 0 - 19	-	-	-	-	-	-	-	-
20 - 29	-	-	-	-	-	-	-	-
30 - 39	1	-	-	-	-	-	-	1
40 - 49	3	-	-	-	-	-	1	4
50 - 59	-	-	-	-	-	-	1	1
60 - 69	1	-	1	1	-	-	-	3
70 - 79	-	-	-	1	-	-	-	1
80 - 89	-	-	-	-	-	-	-	-
90 - 99	-	-	-	-	-	-	-	-
100 +	-	-	-	-	-	-	-	-
OTHERS	6	-	-	-	-	-	-	6
TOTALS:	11	-	1	2	-	-	2	16

C. FORT ERIE PROJECT

There were a total of 22 eligible questionnaires received from the Town of FORT ERIE but none from the surrounding area. However, this was considered sufficient demand to justify a small project of 11 units which could also serve Crystal Beach and the Townships of Bertie and Willoughby. (At the time of the survey there was no demand from these three municipalities).

On the basis of one unit for every two eligible applicants, a project consisting of 4 one bedroom units & 7 bachelor apartments is suggested.

FORT ERIE

I TOTAL NUMBER OF QUESTIONNAIRES RECEIVED - 24

Couples - 7
Single Persons 17

Number ineligible

Couples - 0
Single Persons 2

Single Income exceeds \$250/mth - 1
Not really interested - 1

Total Number of Questionnaires analysed

Couples 7
Single persons 15
Male 0
female 15

II <u>AGE</u>	<u>Couples</u>	<u>Single Persons</u>	<u>Totals</u>
50-59			
60-64		3	3
65-69	2	2	4
70-74	4	5	9
75-79		4	4
80-84		1	1
85 & over	1		1
Not stated			

FORT ERIE

II AGE GROUPS - For couples, the husband's age is shown. When other relationships are used under "couples", the oldest age is given.

2 persons are considered single persons whose husbands are permanently hospitalized.

III TOTAL MONTHLY INCOME

	<u>COUPLES</u>	<u>SINGLE PERSONS</u>	<u>TOTALS</u>
\$ Under 55			
Only 55	1	1	2
\$ 56-75		6	6
76-99		4	4
100-124	2	4	6
125-149			
150-174			
175-199	1		1
200-224			
225-249			
250-274	1		1
275-299			
300-& Over			
Not Stated	2		2

NOTE: The Two "Single" women with permanently hospitalized husbands each have an income of \$110.00/mth

IV PRESENT ACCOMMODATION

(a) Type of Accommodation

	<u>Couples</u>	<u>Single Persons</u>	<u>Total</u>
<u>House</u>			
Home Owner & Living Alone	1	1	2
Rented	1		1
TOTALS	2	1	3
<u>APARTMENT (Self Contained)</u>			
Living Alone	3	6	9
Sharing with another			
TOTALS	3	6	9
<u>ONE OR MORE ROOMS</u>			
Only one Room		2	2
More than one room	1	3	4
Living with relative (Room of own)	1	3	4
TOTALS	2	8	10

FORT ERIE

IV PRESENT ACCOMMODATION

(b) <u>Facilities</u>	<u>Couples</u>	<u>Single Persons</u>	<u>Totals</u>
Own Bathroom-Own Kitchen	6	7	13
Shared Bathroom - Shared Kitchen			
Separate Use of Kitchen			
Sharing with Relatives or Landlord	1	4	5
Shared Bathroom, Own Kitchen		2	2
Own Bathroom - Hot Plate		1	1
Not Stated		1	1

IV. PRESENT MONTHLY RENT

(c) (1) UNSERVICED

<u>Tenants - Rent Only</u>	<u>Couples</u>	<u>Single Persons</u>	<u>Totals</u>
\$ 0-19			
20-29		1	1
30-39	1	1	2
40-49	1	7	8
50-59	3	1	4
60-69			
70-79			
80-89			
90-99			
100 +			
Room & Board	1	4	5
Not Stated			
TOTALS	6	14	20

OWNERS

Not Stated	1	1	2
TOTALS	1	1	2

FORT ERIE

IV. PRESENT MONTHLY RENT

(c)

(2) SERVICED

<u>Tenants - Rent</u>	<u>Couples</u>	<u>Single Persons</u>	<u>Totals</u>
\$ 0-19			
20-29		1	1
30-39		1	1
40-49	1	4	5
50-59	1	4	5
60-69	1		1
70-79	2		2
80-89			
90 & Over			
Room & Board	1	4	5
N ot Stated			
Totals	6	14	20

Owners (Mortgages & Taxes)

\$ 0-19			
20-59			
60-89			
90 & Over			
Not Stated	1	1	2
TOTALS	1	1	2

FORT ERIE

V. RELATIONSHIP BETWEEN TOTAL MONTHLY RENT (SERVICED) AND TOTAL MONTHLY INCOME

COUPLES

RENT

INCOME

	\$	0-99	100-124	125-149	150-199	200-249	250+	Others	Totals
\$ 0-19									
20-29									
30-39									
40-49			1						1
50-59			1						1
60-69						1			1
70-79				1				1	2
80-89									
90-99									
100+									
Others		1						1	2
TOTALS		1	2		1		1	2	7

NOTE: Rent figure includes heat, light and water.
Homeowners & tenants are grouped in this table. Their "rent" figures include mortgage and tax payments, as well as heat, light, and water. The "others" category represents those persons who are boarding as well as those that are included under "not stated".

FORT ERIE

V. RELATIONSHIP BETWEEN TOTAL MONTHLY RENT (SERVICED) AND TOTAL MONTHLY INCOME

<u>RENT</u>	<u>SINGLES</u>						<u>Totals</u>
	<u>INCOME</u>						
	\$ 0-99	100-124	125-149	150-199	200-249	250+	
\$ 0-19							1
20-29	1						1
30-39	1						1
40-49	4						4
50-59	2	2					4
60-69							
70-79							
80-89							
90-99							
100+							
Others	3	2					5
TOTALS	11	4					15



